OFFICE OF THE DIRECTOR OF
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WASHINGTON, DC 20301-3040

August 20, 2004

MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF THE ARMY FOR
        RESEARCH AND TECHNOLOGY
        COMMANDER, ARMY TEST AND EVALUATION
         COMMAND
        CHIEF OF NAVAL RESEARCH
        DEPUTY ASSISTANT SECRETARY OF THE AIR FORCE
         FOR SCIENCE, TECHNOLOGY AND ENGINEERING
        DIRECTOR, AIR FORCE TEST AND EVALUATION
         DIRECTORATE
        DIRECTOR, ADVANCED RESEARCH PROJECTS AGENCY
        DIRECTOR, DEFENSE THREAT REDUCTION AGENCY
        DIRECTOR, MISSILE DEFENSE AGENCY

SUBJECT: Selection of FY 2005 High Performance Computing Software Applications
        Institutes (HSAI)

On November 14, 2003, I solicited your recommendations for High Performance Computing Software Applications Institutes. As a result, you prioritized and submitted fourteen high quality proposals with the potential to transform the Department's science and technology and test and evaluation communities through the enhanced use of high performance computing. Many proposals focused on cross-Service and Agency teaming and multi-disciplinary approaches to key and complex challenges facing the Department of Defense today.

Your proposals were evaluated by a highly qualified team of subject matter experts from within the Department of Defense and from outside agencies, academia and industry. Based upon your priorities, the evaluations provided by the subject matter experts, funding constraints, and my appraisal, I am pleased to announce the selection of five institutes:

    P04H-02, Institute for Maneuverability and Terrain Physics Simulation (IMTPS)
    P04H-06, Battlespace Environments Institute (BEI)
    P04H-11, Institute for HPC Applications to Air Armament (IHAAA)
    P04H-03, Biotechnology HSAI for Force Health Protection (BHSAI)
    P04H-09, HPC Software Applications Institute for Space Situation Awareness

Each of these institutes is a promising enterprise that I expect them to make important advances in research, development, test and evaluation. Each institute will form a critical mass of experts keenly focused on using computational science and high performance computing to solve the Department's highest priority challenges. Mr. Cray Henry, Director, High Performance Computing Modernization Program will contact the institute directors to finalize arrangements and negotiate terms of reference consistent with the approved funding status.

I thank all who participated in this endeavor and look forward to the advances in science, technology, test and evaluation that these institutes will produce.

/Signed/
Charles J. Holland
Deputy Under Secretary of Defense
 (Science and Technology)

cc:
High Performance Computing Advisory Panel